Notice of Allowability	Application No.	Applicant(s)	
	09/853,957	DETTINGER, RICHARD DEAN	
	Examiner	Art Unit	
	Philip C. Lee	2152	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *5/1/06*.

2. ☒ The allowed claim(s) is/are *1,2,4,8-19,21 and 23-34*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *7/6/06* .
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

BUNJOB JARECHONWANIT
SUPERVISORY PATENT EXAMINER

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Randol Read, reg. no. 43,876, on July 6, 2006.

3. The application has been amended as follows:

a. Replace claim 1 to read as of the following,

In Claim 1,

1. (Currently Amended) A method for processing client requests at a server computer, comprising:

receiving an initial portion of a client command from a client computer, wherein the client command comprises an initial portion and remaining portions of a database request; ~~and~~ wherein the initial portion comprises a subset of a sequence of statements forming ~~the~~ said database request ;

predicting what the next sequence of statements of the client command will be ~~when completely~~ received based on the initial portion of the client command, prior to receiving the remaining portions of the client command from the client computer, wherein the remaining portions of the client command comprise at least one statement of ~~the~~ said database request;

executing ~~the~~ said predicted sequence of statements of the client command;

receiving the remaining portions of the client command from the client computer;

determining whether the complete client command matches the predicted client command;

if the complete client command matches the predicted client command, sending a result of executing the predicted client command to the client computer;

predicting the client command at the client computer based on the initial portion of the client command sent to the server;

determining, at the client computer, whether the complete client command matches the client's predicted command; and

if not, sending the complete client command in its entirety along with a flag indicating an unsuccessful prediction from the client computer to the server computer.

b. Replace claim 11 to read as of the following,

In Claim 11,

11. (Currently Amended) A server computer configured for operable connection to a client computer, comprising:

a command set database, wherein the command set database comprises sequence of statements of commands expected to be received from the client computer; and

a processor configured to determine a predicted ~~complete~~ sequence of statements of a command from the command set database in response to receiving an initial portion of a client command from the client computer prior to receiving a remaining portion of the client command, wherein

the client command comprises an initial portion and remaining portions of a database request;

the initial portion comprises a subset of a sequence of statements forming ~~the~~ said database request;

the remaining portions of the client command comprises at least one statement of ~~the~~ said database request;

and the processor is further configured to receive, from the client computer, a ~~the~~ complete command with a flag indicating a prediction of the client command performed at the client computer based on the initial portion of the client command was unsuccessful.

c. Replace claim 18 to read as of the following,

In Claim 18,

18. (Currently Amended) A signal bearing medium, comprising a computer executable program which, when executed by a processor, performs a method, comprising:

receiving an initial portion of a client command from a client computer, wherein the client command comprises an initial portion and remaining portions of a database request; ~~and~~ wherein the initial portion comprises a subset of a sequence of statements forming ~~the~~ said database request ;

prior to receiving a remaining portion of the client command, predicting what the next sequence of statements of the client command will be received by determining whether a matching sequence of statements of a command exits for the received initial portion of the client command, wherein the remaining portions of the client command comprise at least one statement of ~~the~~ said database request;

if so, executing ~~the~~ said matching command;

receiving [[a]] the remaining portion of the client command from the client computer;

determining whether the complete client command, as received in its entirety, matches the predicted client command;

if the complete client command matches the predicted client command, sending a result of executing the predicted client command to the client computer; and

receive, from the client computer, the complete client command with a flag indicating a prediction of the client command performed at the client computer based on the initial portion of the client command was unsuccessful.

d. Replace claim 28 to read as of the following,

In Claim 28,

28. (Currently Amended) A computer capable of being connected to a network through a network connection, comprising:

an input memory area to receive commands from a client computer connected to the network;

a command set database, wherein the command set database comprises sequence of statements of commands expected to be received by the client computer;

an output memory area to store results generated by executing commands received from the client; and

a processor configured to predict ~~a complete~~ the next sequence of statements of a command from the command set database in response to receiving, in the input memory area, an initial portion of a client command from a client computer, prior to receiving remaining portions of the client command from the client computer wherein:

the client command comprises an initial portion and remaining portions of a database request;

the initial portion comprises a subset of a sequence of statements forming ~~the~~ said database request;

the remaining portions of the client command comprise at least one statement of ~~the~~ said database request;

and the processor is further configured to receive, from the client computer, ~~the~~ a complete command with a flag indicating a prediction of the client command performed at the client computer based on the initial portion of the client command was unsuccessful.

Reason for Allowance

4. The following is an examiner's statement of reasons for allowance: None of the prior art of records teach or suggest in combination a method of predicting what the next sequence of statements of the client command will be received based on the initial portion of the client command, prior to receiving the remaining portions of the client command from the client computer, wherein the remaining portions of the client command comprise at least one statement of said database request; and determining, at the client computer, whether the complete client command matches the client's predicted command; and if not, sending the complete client command in its entirety along with a flag indicating an unsuccessfule prediction from the client computer to the server computer.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Philip C. Lee whose telephone number is (571) 272-3967.

Philip Lee

BUNJOB JAROENCHONWANIT
SUPERVISORY PATENT EXAMINER